

SAMSUNG

SCH-I619
user manual



Using this manual

Thank you for purchasing this Samsung mobile device. This device will provide you with high quality mobile communication and entertainment based on Samsung's exceptional technology and high standards.

This user manual has been specially designed to guide you through the functions and features of your device.

Read me first

- Please read all safety precautions and this manual carefully before using your device to ensure safe and proper use.
- The descriptions in this manual are based on the default settings of your device.
- Images and screenshots used in this user manual may differ in appearance from the actual product.
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- Please keep this manual for future reference.

Instructional icons

Before you start, familiarise yourself with the icons you will see in this manual:



Warning—situations that could cause injury to yourself or others



Caution—situations that could cause damage to your device or other equipment



Note—notes, usage tips, or additional information

- ▶ **Refer to**—pages with related information; for example: ▶ p. 12 (represents “see page 12”)
- **Followed by**—the order of options or menus you must select to perform a step; for example: In Idle mode, open the application list and select **Settings** → **About phone** (represents **Settings**, followed by **About phone**)
- [] **Square brackets**—device keys; for example: [≡] (represents the Menu key)

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Contents

Assembling	10
Unpack	10
Install the UIM card and battery	11
Charge the battery	13
Insert a memory card (optional)	16
Attach a hand strap (optional)	18
 Getting started	 19
Turn your device on and off	19
Get to know your device	20
Use the touch screen	24
Lock or unlock the touch screen and keys	26
Get to know the idle screen	26
Access applications	29
Customise your device	32
Enter text	36
Download applications from Play Store	41
Download files from the web	42
Synchronise data	42
 Communication	 44
Calling	44
Messaging	51

Google Mail	53
Email	55
Talk	57
ChatON	58
Messenger	59
Google+	59
Social Hub	60

Entertainment 61

Camera	61
Videos	70
Gallery	72
Music player	74
FM radio	78

Personal information 82

Contacts	82
Calendar	86
Memo	88
Voice recorder	89

Web 91

Web	91
Maps	95
Latitude	96

Places	97
Navigation	98
YouTube	99
Samsung Apps	100
Play Store	101
News & Weather	101

Connectivity 103

Bluetooth	103
Wi-Fi	106
AllShare	108
Mobile network sharing	110
GPS	112
PC connections	113
VPN connections	115

Tools 118

Calculator	118
Clock	119
Downloads	121
My files	121
Search	122
Task manager	123
ThinkFree Office	123

UIM Toolkit	125
Voice Search	126

Settings 127

Access the Settings menu	127
Wireless and network	127
Call settings	129
Call/Message block	130
Sound	131
Display	132
Power saving	133
Location and security	134
Applications	135
Accounts and sync	136
Privacy	137
Storage	137
Language and keyboard	137
Voice input and output	140
Accessibility	141
Date and time	142
About phone	142

Troubleshooting 143

Assembling

Unpack

Check your product box for the following items:

- Mobile device
- Battery
- Quick start guide



Use only Samsung-approved software. Pirated or illegal software may cause damage or malfunctions that are not covered by your manufacturer's warranty.



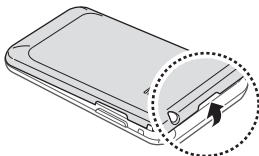
- The items supplied with your device and available accessories may vary depending on your region or service provider.
- You can purchase additional accessories from your local Samsung dealer.
- The supplied accessories perform best for your device.
- Accessories other than the supplied ones may not be compatible with your device.

Install the UIM card and battery

When you subscribe to a cellular service, you will receive a User Identity Module (UIM) card, with subscription details, such as your personal identification number (PIN) and optional services.

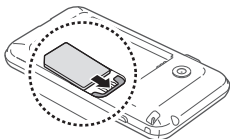
To install the UIM card and battery,


- 1 If the device is on, press and hold the Power key and select **Power off** → **OK** to turn it off.
- 2 Remove the back cover.



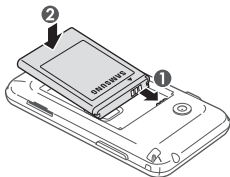
- Be careful not to damage your fingernails when you remove the back cover.
- Do not bend or twist the back cover excessively. Doing so may damage the cover.

- 3 Insert the UIM card with the gold-coloured contacts facing down.

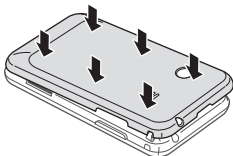


-  The UIM card slot of your device is only suited for standard UIM cards. Inserting a microUIM card or a microUIM card with an unauthorised holder may cause damage to the UIM card slot of your device.

- 4 Insert the battery.



5 Replace the back cover.



Charge the battery


Before using the device for the first time or when the battery has been unused for an extended period, you must charge the battery.

You can charge the device with a travel adapter or by connecting the device to a PC with a USB cable.



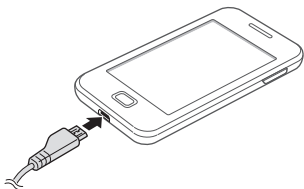
Use only Samsung-approved chargers and cables. Unauthorised chargers or cables can cause batteries to explode or damage your device.




- When your battery is low, the device will emit a warning tone and display a low battery message. The battery icon  will also be empty. If the battery level becomes too low, the device will automatically power off. Recharge your battery to continue using your device.
- If the battery is completely discharged, you cannot turn on the device, even with the travel adapter connected. Allow a depleted battery to charge for a few minutes before you try to turn on the device.

► Charge with a travel adapter

- 1 Plug the small end of the travel adapter into the multifunction jack.





-  Connecting the travel adapter improperly may cause serious damage to the device. Any damage caused by misuse is not covered by the warranty.

- 2 Plug the large end of the travel adapter into an electrical socket.




- You can use the device while it is charging, but it may take longer to fully charge the battery.
- While the device is charging, the touch screen may not function due to an unstable power supply. If this happens, unplug the travel adapter from the device.
- While charging, the device may heat up. This is normal and should not affect your device's lifespan or performance.
- If your device is not charging properly, bring your device and the charger to a Samsung Service Centre.

- 3 When the battery is fully charged, first unplug the travel adapter from the device and then from the electrical socket.
-  Do not remove the battery before removing the travel adapter. Doing this may cause damage to the device.
-  To save energy, unplug the travel adapter when not in use. The travel adapter does not have a power switch, so you must unplug the travel adapter from the electrical socket when not in use to avoid wasting power. The device should remain close to the electrical socket while charging.

► Charge with a USB cable

Before charging, ensure that your PC is turned on.

- 1 Plug one end (micro-USB) of the USB cable into the multifunction jack.
- 2 Plug the other end of the USB cable into a USB port on a PC.
-  Depending on the type of USB cable you are using, it may take some time before charging begins.
- 3 When the battery is fully charged, first unplug the USB cable from the device and then from the PC.

Insert a memory card (optional)

Your device accepts memory cards with maximum capacities of 32 GB. Depending on the memory card manufacturer and type, some memory cards may not be compatible with your device.

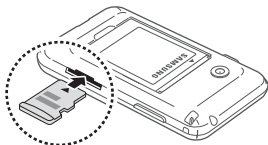


Samsung uses approved industry standards for memory cards, but some brands may not be fully compatible with your device. Using an incompatible memory card may damage your device or the memory card and can corrupt data stored on the card.



- Your device supports only the FAT file structure for memory cards. If you insert a card formatted with a different file structure, your device will ask you to reformat the memory card.
- Frequent writing and erasing of data will shorten the lifespan of memory cards.
- When you insert a memory card in your device, the file directory of the memory card will appear in the `external_sd` folder.


- 1 Remove the back cover.
- 2 Insert a memory card with the gold-coloured contacts facing down.




- 3 Push the memory card in the memory card slot until it locks in place.
- 4 Replace the back cover.

➤ Remove the memory card

Before removing a memory card, first unmount it for safe removal.

- 1 In Idle mode, select  → **Settings** → **Storage** → **Unmount SD card** → **OK**.
- 2 Remove the back cover.
- 3 Push the memory card gently until it disengages from the device.
- 4 Remove the memory card.
- 5 Replace the back cover.

 Do not remove a memory card while the device is transferring or accessing information, as this could result in loss of data or damage to the memory card or device.

► Format the memory card

Formatting your memory card on a PC may cause incompatibilities with your device. Format the memory card only on the device.

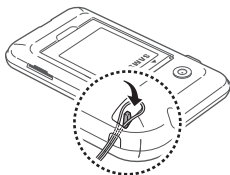
In Idle mode, select  → **Settings** → **Storage** → **Unmount SD card** → **OK** → **Format SD card** → **Format SD card** → **Erase everything**.



Before formatting the memory card, remember to make backup copies of all important data stored on your device. The manufacturer's warranty does not cover loss of data resulting from user actions.

Attach a hand strap (optional)

- 1 Remove the back cover.
- 2 Slide a hand strap through the slot and hook it over the small projection.



- 3 Replace the back cover.

Getting started

Turn your device on and off

To turn on your device, press and hold the Power key. If you turn on your device for the first time, follow the on-screen instructions to set up your device.

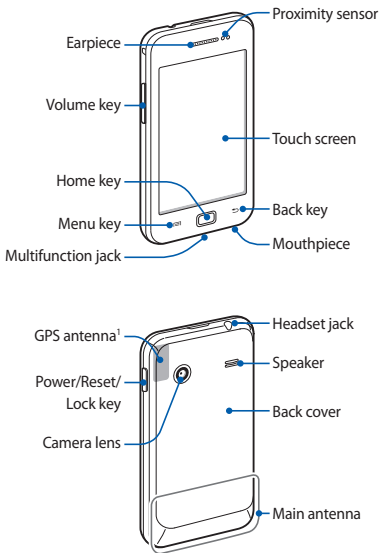
To turn off your device, press and hold the Power key and then select **Power off** → **OK**.



- Follow all posted warnings and directions from authorised personnel in areas where the use of wireless devices is restricted, such as aeroplanes and hospitals.
- To use your device's non-network services only, switch to Flight mode. Press and hold the Power key and select **Flight mode**.






Get to know your device

► Device layout



1. Do not touch or cover the antenna area with your hands or other objects while using the GPS functions.

➤ Keys

Key		Function
	Power/ Reset ¹ / Lock	Turn on the device (press and hold); Access the quick menus (press and hold); Reset the device (press and hold for 8-10 seconds and release); Lock the touch screen.
	Menu	Open a list of options available on the current screen; In Idle mode, open the Google search application (press and hold); Open the search input window while using some applications (press and hold).
	Home	Return to the idle screen; Open the list of recent applications (press and hold).
	Back	Return to the previous screen.
	Volume	Adjust the device's volume.
















1. If your device has fatal errors or hang-ups, or freezes, you may need to reset the device to regain functionality.






Indicator icons



Icons shown on the display may vary depending on your region or service provider.

Icon	Definition
	No signal
	Signal strength
	1X network connected
	3G network connected
	Open Wi-Fi APs available
	Wi-Fi AP connected
	Bluetooth activated
	Bluetooth headset connected
	GPS activated
	Call in progress
	Speakerphone activated
	Missed call
	Synchronised with the web

Icon	Definition
	Uploading data
	Downloading data
	Power saving mode activated
	Connected to PC
	USB tethering activated
	Wi-Fi tethering activated
	No UIM card
	New text or multimedia message
	New email message
	Alarm activated
	Event notification
	Silent mode activated
	Vibration mode activated
	Flight mode activated
	Music playback in progress

Icon	Definition
	Music playback paused
	FM radio turned on in the background
	Error occurred or caution required
	Battery power level
	Current time

Use the touch screen

Your device's touch screen lets you easily select items or perform functions. Learn basic actions to use the touch screen.



- Do not press the touch screen with your fingertips, or use sharp tools on the touch screen. Doing so may damage the touch screen or cause it to malfunction.
- Do not allow the touch screen to come into contact with other electrical devices. Electrostatic discharges can cause the touch screen to malfunction.
- Do not allow the touch screen to come into contact with water. The touch screen may malfunction in humid conditions or when exposed to water.
- Leaving the touch screen idle for extended periods may result in afterimages (screen burn-in) or ghosting. Turn off the touch screen when you do not use the device.



- For optimal use of the touch screen, remove the screen protection film before using your device.
- Your touch screen has a layer that detects small electrical charges emitted by the human body. For best performance, tap the touch screen with your fingertip. The touch screen will not react to touches of sharp tools, such as a stylus or pen.

Control your touch screen with the following actions:

- Tap: Touch once to select or launch a menu, option, or application.
- Tap and hold: Tap an item and hold it for more than 2 seconds.
- Drag: Tap an item and move it to the location you want.
- Double-tap: Tap an item twice quickly.
- Flick: Scroll up, down, left, or right to move through lists or screens.
- Pinch: Place two fingers far apart, and then pinch them together.



- Your device turns off the touch screen when you do not use the device for a specified period. To turn on the screen, press the Power key or the Home key.
- You can also adjust the backlight time. In Idle mode, open the application list and select **Settings** → **Display** → **Screen timeout**.

Lock or unlock the touch screen and keys

You can lock the touch screen and keys to prevent any unwanted device operations.

To lock, press the Power key. To unlock, turn on the screen by pressing the Power key or the Home key, tap anywhere on the screen, and then drag your finger outside of the large circle.



You can activate the screen lock feature to prevent others from using or accessing your personal data and information saved in your device. ► p. 34

Get to know the idle screen

When the device is in Idle mode, you will see the idle screen. From the idle screen, you can view indicator icons, widgets, shortcuts to applications, and other items.

The idle screen has multiple panels. Scroll left or right to a panel of the idle screen. You can also select a dot at the bottom of the screen to move directly to the corresponding screen.

► Add items to the idle screen

You can customise the idle screen by adding shortcuts to applications or items in applications, widgets, or folders. To add items to the idle screen,

- 1 Press [≡] → **Add** or tap and hold the empty area on the idle screen.

- 2 Select the item category → an item:
 - **Widgets:** Add widgets to the idle screen.
 - **Shortcuts:** Add shortcuts to items, such as applications, bookmarks, and contacts.
 - **Folders:** Create a new folder or add folders for your contacts.
 - **Wallpapers:** Set a background image.

➤ Move items on the idle screen

- 1 Tap and hold an item to move.
- 2 Drag the item to the location you want.

➤ Remove items from the idle screen

- 1 Tap and hold an item to remove.
The trash bin appears at the bottom of the idle screen.
- 2 Drag the item to the trash bin.
- 3 When the item turns red, release the item.

➤ Use the notifications panel


In Idle mode or while using an application, tap the indicator icons area and drag your finger down to open the notifications panel. You can activate or deactivate wireless connection features and access a list of notifications, such as messages, calls, events or processing status. To hide the panel, drag the bottom of the list up.

From the notifications panel, you can use the following options:

- **Wi-Fi:** Activate or deactivate the Wi-Fi connection feature. ► p. 106
- **B/T:** Activate or deactivate the Bluetooth wireless connection feature. ► p. 104
- **Data On/Data Off:** Activate or deactivate the data connection feature.
- **MECTel/MPT:** Display the current access point name.
- **Silent mode:** Activate or deactivate Silent mode.


➤ Add or remove panels to the idle screen

You can add or remove panels of the idle screen to organise widgets according to your preferences and needs.

1 In Idle mode, press [] → **Edit**.

You can also place your two fingers on the screen and pinch to switch to Edit mode.

2 Add or remove panels by using the following features:

- To remove a panel, tap and hold the thumbnail of a panel and drag it to the trash bin at the bottom of the screen.
- To add a new panel, select .
- To change the order of the panels, tap and hold the thumbnail of a panel and drag it to the location you want.

3 When you are finished, press [].

Access applications

To access your device's applications,

1 In Idle mode, select  to access the application list.


2 Scroll left or right to another screen.

You can also select a dot at the bottom of the screen to move directly to the corresponding screen.

3 Select an application.



- When you use applications provided by Google, you must have a Google account. If you do not have a Google account, sign up for a Google account.
- You can add a shortcut to an application by tapping and holding the application icon from the application list. You can move the icon to the location you want on the idle screen.


4 Press [>] to return to the previous screen; Press the Home key to return to the idle screen.



- If you rotate the device while using some features, the interface will automatically rotate as well. To prevent the interface from rotating, in Idle mode, open the application list and select **Settings** → **Display** → **Auto-rotate screen**.
- While using the device, you can capture an image of a screen by pressing and holding the Power key and the Home key simultaneously. The image will be saved in **My files** → **ScreenCapture**.

► Organise applications

You can reorganise the applications in the application list by changing their order or grouping them into categories to suit your preferences and needs.

- 1 In the application list, press [≡] → **Edit** → **OK**.
- 2 Tap and hold an application.
- 3 Drag the application icon to the location you want.
You can move an application icon to another screen. You can also move most-used applications next to .
- 4 Press [≡] → **Save**.

To add a folder or panel to the screen,

- 1 In the application list, press [≡] → **Edit**.
- 2 Tap and hold an application.
- 3 Drag the application icon to **Add folder** or **Add page** at the bottom of the screen.
- 4 Repeat steps 2-3 to add more applications.
- 5 Drag **Add folder** or **Add page** to the screen.
A new folder or panel containing the applications is added to the screen.
- 6 If you added a folder, enter a name and select **OK**.
- 7 Press [≡] → **Save**.

To change the order of the screens,

- 1 In the application list, place your two fingers on the screen and pinch.
- 2 Tap and hold the thumbnail of a screen and drag it to the location you want.

➤ Access recent applications

- 1 Press and hold the Home key to view the applications you have accessed recently.
- 2 Select an application to access.

➤ Use the task manager

Your device is a multitasking device. It can run more than one application at the same time. However, multitasking may cause hang-ups, freezing, memory problems, or additional power consumption. To avoid these problems, end unnecessary programs using the task manager.

- 1 In Idle mode, open the application list and select **Task manager** → **Active applications**.
The list of all the applications currently running on your device appears.
- 2 To close an application, select **End**.
To close all active applications, select **End all**.

Customise your device

Get more from your device by customising it to match your preferences.

› Set the current time and date

- 1 In Idle mode, open the application list and select **Settings** → **Date and time**.
- 2 Set the time and date and change other options.

› Turn on or off the touch tone


In Idle mode, open the application list and select **Settings** → **Sound** → **Audible selection**.

› Adjust the volume of the ringtones

Press the Volume key up or down to adjust the ringtone volume.

› Switch to Silent mode

To mute or unmute your device, do one of the following:

- In Idle mode, open the application list and select  → **Keypad** and tap and hold #.
- Open the notifications panel from the top of the screen and select **Silent mode**.

- Press and hold the Power key and select **Silent mode**.




You can set the device to alert you to various events in Silent mode. In Idle mode, open the application list and select **Settings** → **Sound** → **Vibration** → **Always** or **Only in Silent mode**.

➤ Activate animation for switching windows

In Idle mode, open the application list and select **Settings** → **Display** → **Animation** → **Some animations** or **All animations**.

➤ Select a wallpaper for the idle screen

- 1 In Idle mode, press [] → **Wallpaper** → an option.
- 2 Select an image.
- 3 If you selected an image from Gallery, select **Save**.
If you selected a live wallpaper, select **Set wallpaper**.
If you selected a wallpaper image, select **Set wallpaper** → **Save**.



Samsung is not responsible for any use of default images or wallpapers provided on your device.

➤ Adjust the brightness of the display

- 1 In Idle mode, open the application list and select **Settings** → **Display** → **Brightness**.

- 2 Drag the slider to adjust the level of brightness.
- 3 Select **OK**.



The brightness level of the display will affect how quickly the device consumes battery power.

► Set a screen lock

You can lock the touch screen by activating the screen lock feature. Your device will require the unlock code each time you turn on the device or unlock the touch screen.



- If you forget your unlock code, bring your device to a Samsung Service Centre to reset it.
- Samsung is not responsible for any loss of security codes or private information or other damages caused by illegal software.

Set an unlock pattern

- 1 In Idle mode, open the application list and select **Settings** → **Location and security** → **Set screen lock** → **Pattern**.
- 2 See the on-screen instructions and example patterns and select **Next**.
- 3 Draw a pattern by dragging your finger to connect at least 4 dots and select **Continue**.
- 4 Draw the pattern again to confirm and select **Confirm**.
- 5 Complete the setup of the backup PIN.



If you forget your unlock pattern, you can deactivate the screen lock feature with a backup PIN.

Set an unlock PIN code

- 1 In Idle mode, open the application list and select **Settings** → **Location and security** → **Set screen lock** → **PIN**.
- 2 Enter a new PIN (numeric) and select **Continue**.
- 3 Enter the PIN again and select **OK**.

Set an unlock password

- 1 In Idle mode, open the application list and select **Settings** → **Location and security** → **Set screen lock** → **Password**.
- 2 Enter a new password (alphanumeric) and select **Continue**.
- 3 Enter the password again and select **OK**.

► Lock your UIM card

You can lock your device by activating the PIN supplied with your UIM card.

- 1 In Idle mode, open the application list and select **Settings** → **Location and security** → **Set up UIM card lock**.
- 2 Select **Lock UIM card**.
- 3 Enter your PIN and select **OK**.

Once the PIN lock is enabled, you must enter the PIN each time you turn on the device.



- If you enter an incorrect PIN too many times, your UIM card will be blocked. You must enter a PIN unlock key (PUK) to unblock the UIM card.
- If you block your UIM card by entering an incorrect PUK, bring the card to your service provider to unblock it.

Enter text

You can enter text by selecting characters on the virtual keypad or by inputting handwriting on the screen.




You cannot enter text in some languages. To enter text, you should change the writing language to one of the supported languages. ► p. 137

› Change the keypad type

You can change the keypad type. Tap and hold the text input field and select **Input method** → a keypad type (Samsung Chinese IME or Swype).

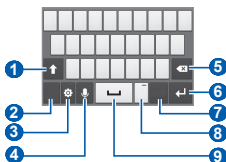
› Enter text using the Samsung Chinese IME keypad




Select  → **English** and select a text input method. You can select one of key input methods (QWERTY or 3x4 keypad) or handwriting input methods.

- 2 Enter text by selecting alphanumeric keys or writing on the screen.

You can also use the following keys:



Number	Function
1	Change case.
2	Switch to Number/Symbol mode.
3	Access the keypad settings; Change the keypad type (tap and hold).
4	Enter text by voice.  This feature may be unavailable depending on the selected input language.
5	Clear your input.
6	Start a new line.
7	Change the input language.

Number	Function
8	Insert a full stop; Open the symbol panel (tap and hold).
9	Insert a space.





In the handwriting mode, you can use the following gestures:

Function	Gesture
Space	
Enter	
Backspace	

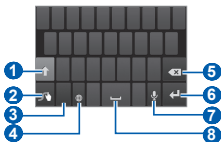
► Enter text using the Swype keypad

- 1 Select the first character of a word and drag your finger to the second character without releasing the finger from the screen.
- 2 Continue until you have finished the word.




- 3 Release the finger on the last character.
 - 4 When the word displays correctly, select  to insert a space. If the correct word does not display, select an alternative word from the list that appears.
 - 5 Repeat steps 1-4 to complete your text.
-  • You can also tap the keys to enter text.
- You can tap and hold a key to enter characters on the upper half of the key. When you tap and hold a key until the character list appears, you can enter special characters and symbols.

You can also use the following keys:







Number	Function
1	Change case.
2	Enter the recommended word or add a new word to the dictionary; Access the keypad settings (tap and hold).
3	Switch between Number/Symbol mode and ABC mode.
4	Change the input language.

Number	Function
5	Clear your input.
6	Start a new line.
7	Enter text by voice.  This feature may be unavailable depending on the selected input language.
8	Insert a space.

› Copy and paste text

While you are entering text, you can use the copy and paste feature to use text in other applications.

- 1 Place the cursor on the text you want to copy.
- 2 Select .
- 3 Select **Select text** or **Select all** to select the text you want.
- 4 Drag  or  to select the text you want.
- 5 Select **Copy** to copy, or **Cut** to cut the text onto the clipboard.
- 6 In another application, place the cursor where you want to paste the text.
- 7 Select  → **Paste** to insert the text from the clipboard into the text field.

Download applications from Play Store

Based on the Android platform, your device's functionality can be extended by installing additional applications.

Play Store provides you an easy and quick way to shop for games and mobile applications.




- This feature may be unavailable depending on your region or service provider.
- Your device will save user files from downloaded applications to the internal memory.

► Install an application

- 1 In Idle mode, open the application list and select **Play Store**.
- 2 Select **Accept** when the terms and conditions appear.
- 3 Search for a file or application and download it.

► Uninstall an application

- 1 From the Play Store home screen, press [] → **My Apps**.
- 2 Select the item you want to delete.
- 3 Select **Uninstall** → **OK**.

Download files from the web

When you download files or web applications from the web, your device saves them in a memory card.



Files you download from the web can include viruses that will damage your device. To lessen your risk, only download files from sources you trust.



Some media files include Digital Rights Management to protect copyrights. This protection may prevent you from downloading, copying, modifying, or transferring some files.

To download files from the web,

- 1 In Idle mode, open the application list and select **Web**.
- 2 Search for a file or application and download it.

To install applications downloaded from websites other than Play Store, you must select **Settings** → **Applications** → **Unknown sources** → **OK**.

Synchronise data

You can synchronise data with various web servers and back up or restore your data.

Once the synchronisation is completed, your device stays connected to the web. If any change is made on the web, the updated information will appear on your device and will automatically begin synchronisation, and vice versa.



This feature may be unavailable depending on your region or service provider.

➤ Set up a server account

- 1 In Idle mode, open the application list and select **Settings** → **Accounts and sync**.
- 2 Select **Add account** → an account type.
- 3 Follow the on-screen instructions to complete the account setup.

➤ Activate automatic sync

- 1 In Idle mode, open the application list and select **Settings** → **Accounts and sync**.
- 2 Select **Auto-sync**.
- 3 Select an account.
- 4 Select the applications you want to synchronise.

To exclude applications from automatic synchronisation, clear the check boxes next to the applications you want.

➤ Synchronise data manually

- 1 In Idle mode, open the application list and select **Settings** → **Accounts and sync**.
- 2 Select an account.
- 3 Select **Sync Now**. Your device will start synchronising the data you set for synchronisation.

Communication

Calling

Learn to use calling functions, such as making and answering calls, using options available during a call or customising and using call-related features.



► Make or answer a call

You can use the buttons or the touch screen when you make, accept, end or reject calls.




- When you turn on the proximity sensor, your device automatically turns off and locks the touch screen to prevent accidental inputs when you hold the device near your face. ► p. 130
- Static electricity discharged from your body or clothing may interfere with the proximity sensor during a call.

Make a call


- 1 In Idle mode, open the application list and select  → **Keypad**.
- 2 Enter an area code and a phone number.
- 3 Select  to dial the number.

4 To end the call, select **End call**.



- Use the phonebook to save numbers you dial frequently. ► p. 82
- To quickly access the call log to redial the numbers you dialled recently, select  → **Logs**.

Answer a call

1 When a call comes in, select  and then drag your finger outside of the large circle.



When the device is ringing, press the Volume key to mute the ringtone.

2 To end the call, select **End call**.

Reject a call

When a call comes in, select  and then drag your finger outside of the large circle.

To send a message when you reject incoming calls, drag the reject message bar upwards, and then select **Send**.



First set a text message to be sent to callers. In Idle mode, open the application list and select **Settings** → **Call settings** → **Set reject messages**.



Call an international number

First, you need to set an international call prefix to use.

1 In Idle mode, open the application list and select **Settings** → **Call settings** → **Prefix dialling** → **International Prefix List**.

- 2 Select **Create**.
- 3 Enter an international call prefix and select **Save**.
- 4 Select the dot next to the prefix you want to activate it.

To make an international call,

- 1 In Idle mode, open the application list and select  → **Keypad**, and tap and hold **0** to insert the international prefix number.
- 2 Enter the complete number you want to dial (country code, area code and phone number), and then select  to dial the number.



► Use a headset


By plugging a headset into the device, you can answer and control calls hands-free:

- To answer a call, press the headset button.
- To reject a call, press and hold the headset button.
- To place a call on hold or retrieve a held call during a call, press and hold the headset button.
- To end a call, press the headset button.

► Use options during a call


You can use the following options while a call is in progress:

- To adjust the voice volume, press the Volume key up or down.
- To place a call on hold, select . To retrieve a held call, select .

- To answer a second call, select  and then drag your finger outside of the large circle when a call waiting tone sounds. You must subscribe to the call waiting service to use this feature.
- To open the keypad, select **Dialpad**.
- To activate the speakerphone feature, select **Speaker**.



In noisy environments, you may have difficulty hearing some calls while using the speakerphone feature. For better audio performance, use the normal phone mode.

- To turn off the microphone so that the other party cannot hear you, select **Mute**.
- To listen and talk to the other party via a Bluetooth headset, select **Headset**.
- To record a call conversation, select **REC**.
- To open the phonebook, press [≡] → **Contacts**.
- To add a memo, press [≡] → **Memo**.
- To dial a second call, press [≡] → **Add call** and then dial a new number.
- To switch between the two calls, select .
- To make a multiparty call (conference call), make a second call and select **Merge** when connected to the second party.



Available options may vary depending on your region or service provider.

► View and dial missed calls

Your device will display calls you have missed on the display. To dial the number of a missed call, open the notifications panel and select the missed call.

► Use additional features

You can use various other call-related features, such as auto rejection or call diverting or barring.

Set auto rejection

Use auto rejection to reject calls from certain numbers automatically. To activate auto rejection and set up the reject list,

- 1 In Idle mode, open the application list and select **Settings** → **Call/Message block** → **Call block** → **Block registered numbers only**.
- 2 Select **Call block list**.
- 3 Select **Add** and enter a phone number.
- 4 Select **Match criteria** → an option (if necessary).
- 5 Select **Save**.
- 6 To add more numbers, repeat steps 3-5.

Set call forwarding

Call diverting is a network feature to send incoming calls to another number that you specify. You can set this feature separately for several conditions when you are not able to answer calls, such as when you are already on the phone or when you are outside of the service area.

- 1 In Idle mode, open the application list and select **Settings** → **Call settings** → **Call forwarding**.
- 2 Select a condition.
- 3 Select **Enable**.
- 4 Enter a number to which calls will be forwarded and select **OK**.

Your setting will be sent to the network.

Set call barring

Call barring is a network feature to restrict certain types of calling or to prevent others from making calls with your device.

- 1 In Idle mode, open the application list and select **Settings** → **Call settings** → **Additional settings** → **Call barring**.
- 2 Select a call type to restrict → a call barring option.
- 3 Enter a call barring password and select **OK**.

Your setting will be sent to the network.





Set call waiting

Call waiting is a network feature to alert you of an incoming call while you are on a previous call.

- 1 In Idle mode, open the application list and select **Settings** → **Call settings** → **Additional settings** → **Call waiting**.
- 2 Select **Enable**.
- 3 Enter a service number and select **OK**.
Your setting will be sent to the network.

► View call logs

You can view logs of your calls filtered by their types.

- 1 In Idle mode, open the application list and select  → **Logs**.
- 2 Press [] → **View by** → an option to sort the call logs.
 From the call logs, you can make a call or send a message directly to a contact by quickly flicking the contact to the left or right.
- 3 Select a log to view its details.
 From the detail view, you can dial the number, send a message to the number or add the number to the phonebook or auto reject list.





Messaging

Learn to create and send text (SMS) or multimedia (MMS) messages, and view or manage messages you have sent or received.




You may incur additional charges for sending or receiving messages while outside your home service area. For details, contact your service provider.

► Send a text message



- 1 In Idle mode, open the application list and select .
- 2 Select **New message**.
- 3 Add recipients of your message.
 - Enter phone numbers manually and separate them by inserting a semicolon or a comma.
 - Select phone numbers from the lists by selecting options under the recipient field.
- 4 Select **Tap to enter message** and enter your message text.
 - To insert emoticons, press [] → **Insert smiley**.
 - To add a contact, calendar, or memo, press [] → **Add text** → an option.
 - To insert a text template, select .
- 5 Select **Send** to send the message.

► Send a multimedia message


- 1 In Idle mode, open the application list and select .
- 2 Select **New message**.
- 3 Add recipients of your message.
 - Enter phone numbers or email addresses manually and separate them by inserting a semicolon or a comma.
 - Select phone numbers or email addresses from the lists by selecting options under the recipient field.



When you enter an email address, the device will convert the message as a multimedia message.

- 4 Press [≡] → **Add subject** and enter a subject for the message.
- 5 Select **Tap to enter message** and enter your message text.
 - To insert emoticons, press [≡] → **Insert smiley**.
 - To add a contact, calendar, or memo, press [≡] → **Add text** → an option.
 - To insert a text template, select .
- 6 Select  and add an item.
- 7 Select **Send** to send the message.

► View a text or multimedia message

- 1 In Idle mode, open the application list and select . Your messages are grouped into message threads by contact, like a messenger.

- 2 Select a contact.
- 3 Select a message to view the details.


Google Mail

You can retrieve new email messages from Google Mail™ to your Inbox. When you access this application, the Inbox screen appears. The total number of unread messages displays in the title bar and unread messages display in bold.



- This feature may be unavailable depending on your region or service provider.
- This Google Mail menu may be labelled differently depending on your service provider.







➤ Send an email message

- 1 In Idle mode, open the application list and select **Gmail**.
- 2 Press [≡] → **Compose**.
- 3 Enter a name or address in the recipient field.
- 4 Enter a subject and message.
- 5 To attach an image file, press [≡] → **Attach** → a file.
- 6 Select  to send the message.

➤ View email messages

- 1 In Idle mode, open the application list and select **Gmail**.
- 2 Select an email message.

From the message view, use the following options:

- To add a star to the message, select .
- To reply to the message, select .
- To reply to the message including all recipients, select  → **Reply all**.
- To forward the message to other people, select  → **Forward**.
- To view an attachment, select **Preview**. To save it to your device, select **Download**.
- To archive the message, select **Archive**.
- To delete the message, select **Delete**.
- To move to the next or previous message, select  or .


► Organise email by labels

You can organise your email by labelling your messages. You can sort messages by label filter.

Add a label to a message

- 1 From the Inbox screen, tap and hold a message.
- 2 Select **Change labels**.
- 3 Select a label to add and select **OK**.

Filter messages

- 1 From the Inbox screen, press [Go to labels.
- 2 Select the label of the messages you want to view.

Email




Learn to send or view email messages via your personal or company email account.

► Set up an email account

- 1 In Idle mode, open the application list and select **Email**.
- 2 Enter your email address and password.
- 3 Select **Next** (for general email accounts) or **Manual setup** (for other company email accounts).
- 4 Follow the on-screen instructions.

When you are finished setting up the email account, the email messages are downloaded to your device. If you have created more than two accounts, you can switch between email accounts; Select an account name at the top left of the screen and select one you want to retrieve messages from.

► Send an email message

- 1 In Idle mode, open the application list and select **Email** → an email account.
- 2 Select .
- 3 Add recipients of your message.
 - Enter email addresses manually and separate them by inserting a semicolon or a comma.
 - Select email addresses from the lists by selecting .
 - To add more recipients, press [] → **Add Cc/Bcc**.

- 4 Select the subject field to enter a subject.
- 5 Select the text input field to enter your email text.
- 6 Select **Attach** and attach a file.



You cannot attach Digital Rights Management (DRM)-protected files.

- 7 Select **Send** to send the message.



If you are offline or outside your service area, the message will be held in the message thread list until you are online and in your service area.




► View an email message

When you open an email account, you can view previously retrieved emails offline or connect to the email server to view new messages. After retrieving email messages, you can view them offline.

- 1 In Idle mode, open the application list and select **Email** → an email account.
- 2 Press [F1] → **Refresh** to update the message list.
- 3 Select an email message.

From the message view, use the following options:

- To move to the next or previous message, select ▲ or ▼.
- To move the message to another folder, select 📁.
- To delete the message, select 🗑️.
- To reply to the message, select ✉️ → **Reply**.

- To forward the message to other people, select  → **Forward**.
- To view an attachment, select  in the attachment field and then the attached item. To save it to your device, select .


Talk

Learn to chat with friends and family via Google Talk™.



This feature may be unavailable depending on your region or service provider.

➤ Add friends to your friend list

- 1 In Idle mode, open the application list and select **Talk**. The friend list shows all of your Google Talk contacts at a glance.
- 2 Press [] → **Add friend**.
- 3 Enter an email address of the friend and select **Send invitation**.

When your friend accepts the invitation, the friend is added to your friend list.

➤ Start a chat

- 1 In Idle mode, open the application list and select **Talk**.
- 2 Select a friend from the friend list. The chat screen opens.

- 3 Enter your message and select **Send**.
To insert emoticons, press [≡] → **More** → **Insert smiley**.
- 4 To switch between active chats, press [≡] → **Switch chats**.
- 5 To end the chat, press [≡] → **End chat**.

ChatON

Learn to chat with your friends and family in ChatON. This is an instant messenger based on mobile phone numbers, regardless device type or operating system. While having a conversation with your contacts, you can send various multimedia files and data, such as photos, videos, and contact numbers, animated messages.

- 1 In Idle mode, open the application list and select **ChatON**.
- 2 If you are launching this application for the first time, select a region → **Next**. Then read the terms and conditions and select **Accept**.
- 3 Follow the on-screen instructions to complete the account setup.
- 4 Chat with friends and family instantly.

Messenger

Learn to send and receive instant messages from friends and family with the Google+ messenger instant messaging service.

- 1 In Idle mode, open the application list and select **Messenger**.



If you are launching this application for the first time, follow the on-screen instructions to complete the account setup.

- 2 Enter and send your message.

Google+

Learn to access Google's social network service. You can create groups to send and receive instant messages and upload your photos.

- 1 In Idle mode, open the application list and select **Google+**.



If you are launching this application for the first time, follow the on-screen instructions to complete the account setup.

- 2 Select a social network feature.

Social Hub

Learn to access Social Hub™, the integrated communication application for Social Network Service (SNS), email, messages, contacts, or calendar information. Visit socialhub.samsungapps.com for more details.

- 1 In Idle mode, open the application list and select **Social Hub**.
- 2 If you are launching this application for the first time, add an account or skip it for a later setup.
- 3 Select a category.
- 4 Check and use contents delivered from Social Hub.

Entertainment

Camera

Learn how to capture and view photos and videos.



- The camera interface appears only in the landscape orientation.
- Tap the screen to hide or display icons in the viewfinder.
- The camera automatically turns off when you do not use it for a specified period.
- The memory capacity may differ depending on the shooting scene or shooting conditions.

› Capture a photo

- 1 In Idle mode, open the application list and select **Camera** to turn on the camera.
- 2 Rotate the device anti-clockwise to landscape view.

- 3 Aim the lens at the subject and make any necessary adjustments.



Number	Function
1	Check the camera status and settings. <ul style="list-style-type: none">• : Resolution• : Exposure metre type• : Number of photos you can take (according to available memory)• : Default storage location• : Battery power level
2	Change the shooting mode.
3	Change the scene mode.
4	Adjust the brightness.
5	Change the camera settings.

Number	Function
6	Switch to the camcorder.
7	Capture a photo.
8	View the photo you captured last.

4 Press the Volume key to zoom in or out.





The zoom function may be unavailable when shooting in the highest resolution.

5 Select  to take a photo.

The photo is saved automatically.


After taking photos, select  to view the taken photos.

- To view more photos, scroll left or right.
- To zoom in, place two fingers on the screen and spread them apart. To zoom out, move your fingers closer together. You can also select  or , or double-tap the screen.
- To send a photo to others, select **Share**.
- To set a photo as wallpaper or a caller ID image for a contact, select **Set as**.
- To delete a photo, select **Delete**.

➤ Capture a photo by using preset options for various scenes



Your camera provides you with predefined settings for various scenes. You can simply select the proper mode for your shooting conditions and subjects.

For example, when you take photos at night, select the night mode that uses an extended exposure.

- 1 In Idle mode, open the application list and select **Camera** to turn on the camera.
- 2 Rotate the device anti-clockwise to landscape view.
- 3 Select **SCN** → a scene.
- 4 Make any necessary adjustments.
- 5 Select  to take a photo.



➤ Capture a photo in Smile shot mode

Your camera can recognise people's faces and help you take photos of their smiling faces.

- 1 In Idle mode, open the application list and select **Camera** to turn on the camera.
- 2 Rotate the device anti-clockwise to landscape view.
- 3 Select  → **Smile shot**.
- 4 Make any necessary adjustments.
- 5 Aim the camera lens at your subject and select .
Your device recognises people in an image and detects their smiles. When the subject smiles, the device automatically takes a photo.

► Capture a series of photos

You can easily take a series of photos of moving subjects. This is useful when you are photographing children at play or a sporting event.



- 1 In Idle mode, open the application list and select **Camera** to turn on the camera.
- 2 Rotate the device anti-clockwise to landscape view.
- 3 Select  → **Continuous**.
- 4 Make any necessary adjustments.
- 5 Tap and hold . The camera will continue to take photos until you release the key.

► Capture a panoramic photo

You can take wide panoramic photos using Panorama shooting mode. This mode is convenient for photographing landscapes.





The zoom function is unavailable in Panorama mode.

- 1 In Idle mode, open the application list and select **Camera** to turn on the camera.
- 2 Rotate the device anti-clockwise to landscape view.
- 3 Select  → **Panorama**.
- 4 Make any necessary adjustments.
- 5 Select  to take the first photo.

- 6 Slowly move the device in any direction and align the green frame with the viewfinder.
When you have aligned the green frame and viewfinder, the camera will automatically take the next photo.
- 7 Repeat step 6 to complete the panoramic photo.

► Customise camera settings


Before taking a photo, select  →  to access the following options:

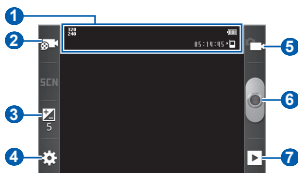
Option	Function
Timer	Select the length of the delay before the camera takes a photo.
Resolution	Change the resolution option.
White balance	Adjust the colour balance according to lighting conditions.
Effects	Apply a special effect.
Metering	Select a type of exposure metre.
Image quality	Set the quality level for your photos.
Adjust	Adjust contrast, saturation, and sharpness.





Before taking a photo, select  →  to access the following settings:

Option	Function
Guidelines	Display gridlines on the preview screen.
Review	Set the camera to display the taken image.
Storage	Select a memory location for storing captured photos.
Reset	Reset menus and shooting options.

► Record a video

- 1 In Idle mode, open the application list and select **Camera** to turn on the camera.
- 2 Rotate the device anti-clockwise to landscape view.
- 3 Select  to switch to the camcorder.
- 4 Aim the lens at the subject and make any necessary adjustments.





Number	Function
1	<p>Check the camcorder status and settings.</p> <ul style="list-style-type: none"> •  : Resolution •  : Length of video that can be recorded (according to available memory) •  : Default storage location •  : Battery power level
2	Change the recording mode (for attaching to a multimedia message or for saving normally).
3	Adjust the brightness.
4	Change the camcorder settings.
5	Switch to the camera.
6	Record a video.
7	View the video you recorded last.

5 Press the Volume key to zoom in or out.



The zoom function may be unavailable when recording in the highest resolution.

6 Select  to start recording.

7 Select  to stop recording.

The video is saved automatically.





The camcorder may not be able to properly record videos to a memory card with a slow transfer speed.



After recording videos, select  to view the recorded videos.

- To view more videos, scroll left or right.
- To send a video to others, select **Share**.
- To play a video, select **Play**.
- To delete a video, select **Delete**.

► Customise camcorder settings

Before recording a video, select  →  to access the following options:

Option	Function
Timer	Select the length of the delay before the camera starts recording a video.
Resolution	Change the resolution option.
White balance	Adjust the colour balance according to lighting conditions.
Effects	Apply a special effect, such as sepia or black and white tones.
Video quality	Set the quality level for your videos.
Adjust	Adjust contrast, saturation, and sharpness.

Before recording a video, select  →  to access the following settings:

Option	Function
Guidelines	Display gridlines on the preview screen.
Audio recording	Turn the audio on or off.
Review	Set the camera to display the recorded video.
Storage	Select a memory location for storing recorded videos.
Reset	Reset menus and recording options.

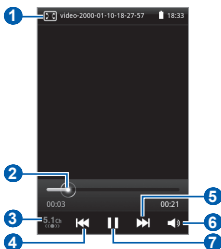
Videos

Learn to use the video player to play various kinds of videos. The video player supports the following file formats: 3gp, mp4, mkv, rmvb, rm.




- Some file formats are not supported depending on the software of the device.
- If the file size exceeds the available memory, an error can occur when you open files.
- Playback quality may vary by content type.
- Some files may not play properly depending on how they are encoded.

- 1 In Idle mode, open the application list and select **Videos**.
- 2 Select a video to play.
- 3 Control playback with the following icons:



Number	Function
1	Change a ratio of the video screen.
2	Move to a point of the file by dragging or tapping the bar.
3	Activate the 5.1 channel surround sound system when a headset is connected.
4	Restart playback; Skip backward (tap within 3 seconds); Scan backward in a file (tap and hold).

Number	Function
5	Skip forward; Scan forward in a file (tap and hold).
6	Adjust the volume.
7	Pause playback; Select  to resume playback.

Gallery

Learn to view photos and play videos saved in your device's memory and memory card.



► Supported file formats

Type	Format
Image	jpeg, gif, png, bmp
Video	3gp, mp4



- Some file formats are not supported depending on the software of the device.
- If the file size exceeds the available memory, an error can occur when you open files.
- Playback quality may vary by content type.
- Some files may not play properly depending on how they are encoded.

► View a photo


- 1 In Idle mode, open the application list and select **Gallery**.
- 2 Select a folder.
- 3 To change the view mode, select  or  at the top right of the screen.
- 4 Select a photo (with no icon) to view.

While viewing a photo, use the following options:

- To view more photos, scroll left or right.
- To zoom in, place two fingers on the screen and spread them apart. To zoom out, move your fingers closer together. You can also select  or , or double-tap the screen.
- To send a photo to others, select **Send via**.
- To delete a photo, select **Delete**.
- To share a photo with others via AllShare or community websites, press [] → **Share via**.
- To set a photo as wallpaper or a caller ID image for a contact, press [] → **Set as**.
- To use additional features with a photo, press [] → **More** and use the following options:
 - **Print**: Print a photo using a Wi-Fi connection. Your device is compatible only with some Samsung printers.
 - **Crop**: Crop an image from a photo.
 - **Rotate left**: Rotate a photo anti-clockwise.
 - **Rotate right**: Rotate a photo clockwise.

- **Slideshow:** Start a slideshow in the selected folder.
- **Rename:** Rename a photo file.
- **Details:** View photo details.

► Play a video

- 1 In Idle mode, open the application list and select **Gallery**.
- 2 Select a video (with the  icon) to play.
- 3 Control playback with the virtual keys. ► p. 71

Music player

Learn to listen to your favourite music while on the go with the music player. The music player supports the following file formats: 3gp, mp4, mp3, ogg, aac, amr (awb), wav, mid, wma, flac.



- Some file formats are not supported depending on the software of the device.
- If the file size exceeds the available memory, an error can occur when you open files.
- Playback quality may vary by content type.
- Some files may not play properly depending on how they are encoded.

► Add music files to your device

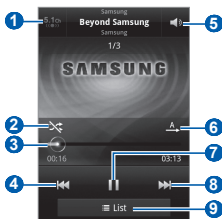
Start by transferring files to your device or memory card:


- Download from the wireless web. ► p. 91
- Download from a PC with Samsung Kies. ► p. 114
- Receive via Bluetooth. ► p. 105
- Copy to your memory card. ► p. 114

► Play music

After transferring music files to your device or memory card,

- 1 In Idle mode, open the application list and select **Music player**.
- 2 Select a music category → a music file.
- 3 Control playback with the following icons:



Number	Function
1	Activate the 5.1 channel surround sound system when a headset is connected.
2	Activate Shuffle mode.
3	Move to a point of the file by dragging or tapping the bar.
4	Restart playback; Skip backward (tap within 3 seconds); Scan backward in a file (tap and hold).
5	Adjust the volume.
6	Change the repeat mode (off, repeating one file, or repeating all files).
7	Pause playback; Select  to resume playback.
8	Skip forward; Scan forward in a file (tap and hold).
9	Open the playlist.



You can control the music player with a headset. In Idle mode, press and hold the headset button to launch the music player. Press the headset button to start or pause playback.

► Create a playlist

- 1 In Idle mode, open the application list and select **Music player**.
- 2 Select **Playlists**.
- 3 Press [≡] → **Create**.
- 4 Enter a title for your new playlist and select **Save**.
- 5 Select **Add music**.
- 6 Select the files you want to include and select **Add**.

During playback, you can add files to a playlist by pressing [≡] → **Add to playlist**.

► Add songs to the quick list

You can add songs to the quick list and save them as a playlist. During playback, press [≡] → **Add to quick list** to add the current song to the quick list.

To go to the quick list, from the music library screen, select **Playlists** → **Quick list**. To save the quick list as a playlist, press [≡] → **Save as playlist**.

► Customise music player settings

- 1 In Idle mode, open the application list and select **Music player**.
- 2 Press [≡] → **Settings**.

- 3 Adjust the following settings to customise your music player:

Option	Function
Equalizer	Select a default equaliser type.
Sound effects	Select a sound effect.
Music menu	Select music categories to display on the music library screen.
Visualization	Display an animated visualisation during playback.
Lyrics	Set to display lyrics during playback.
Music auto off	Set the music player to turn off automatically after a specific period of time.

FM radio

Learn to listen to music and news on the FM radio. To listen to the FM radio, you must connect a headset, which serves as the radio antenna.

► Listen to the FM radio

- 1 Plug a headset into the device.
- 2 In Idle mode, open the application list and select **FM radio**.

The FM radio scans and saves available stations automatically.



The first time you turn on the FM radio, it will start automatic tuning.

- 3 Select the radio station you want from the station list and press [↵] to return to the FM radio screen.
- 4 Control the FM radio with the following keys:





Number	Function
1	Scan and save available radio stations.
2	Search for an available radio station.

Number	Function
3	Turn the FM radio on or off.
4	Add the current radio station to the favourites list.
5	Adjust the volume.
6	Fine-tune the frequency.


► Save a radio station automatically

- 1 Plug a headset into the device.
- 2 In Idle mode, open the application list and select **FM radio**.
- 3 Select **Scan** → a scanning option.
The FM radio scans and saves available stations automatically.
- 4 Select the radio station you want from the station list and press [↩] to return to the FM radio screen.

► Add a radio station to the favourites list

- 1 Plug a headset into the device.
- 2 In Idle mode, open the application list and select **FM radio**.
- 3 Select  to turn on the FM radio.
- 4 Scroll to the radio station you want.
- 5 Select  to add the radio station to the favourites list.

► Customise FM radio settings

- 1 In Idle mode, open the application list and select **FM radio**.
- 2 Press [] → **Settings**.
- 3 Adjust the following settings to customise your FM radio:




Option	Function
Background playing	Set whether or not to run the FM radio in the background while using other applications. If this feature is on, you can control the FM radio from the notifications panel.
FM auto off	Set the FM radio to automatically turn off after a specified length of time.

Personal information


Contacts

Learn to create and manage a list of your personal or business contacts. You can save names, mobile phone numbers, home phone numbers, email addresses, birthdays and more for your contacts.

► Create a contact


- 1 In Idle mode, open the application list and select  → .
- 2 Select a memory location (if necessary).
If you have more than one account, select an account to which you want to add the contact.
- 3 Enter contact information.
 If you are saving the contact on a UIM card, you can save only the contact's name and a phone number.
- 4 Select **Save** to add the contact to memory.

You can also create a contact from the dialling screen.






- 1 In Idle mode, open the application list and select  → **Keypad**.
- 2 Enter a phone number.

- 3 Select **Add to Contacts** → **Create contact**.
- 4 Select a memory location (if necessary).
If you have more than one account, select an account to which you want to add the contact.
- 5 Enter contact information.
- 6 Select **Save** to add the contact to memory.



► Find a contact

- 1 In Idle mode, open the application list and select .
- 2 Scroll up or down on the contact list.
You can also drag your finger along the index on the right side to quickly scroll through the list.
- 3 Select a contact's name.

Once you find a contact, you can use the following options:

- To call the contact, select .
- To send a message, select .
- To send an email message, select .
- To set the contact as your favourites, select .
- To edit the contact information, press [] → **Edit**.

► Set a speed dial number

- 1 In Idle mode, open the application list and select .
- 2 Press [] → **Speed dial setting**.


3 Select a location number → a contact.


4 Select a phone number (if necessary).



You can quickly dial this number by tapping and holding the location number from the dialling screen.

► Create your namecard

1 In Idle mode, open the application list and select .

2 Press [] → **My profile**.

3 Press [] → **Edit**.

4 Enter your own personal details.


5 Select **Save**.




You can send your namecard by attaching it to a message or email or transferring it via the Bluetooth wireless feature.

► Retrieve contacts from your community accounts

You can view the list of community website accounts and select an account to add a contact from the website to your phone contacts.



1 In Idle mode, open the application list and select .

2 Press [] → **Get friends**.

3 Select an account.



► Create a group of contacts

By creating groups of contacts, you can manage multiple contacts and send messages or email to an entire group. Start by creating a group.



- 1 In Idle mode, open the application list and select  → **Groups**.
- 2 Press [] → **Create**.
- 3 Enter a name and select a ringtone for the group.
- 4 Select **Add member**, select contacts to add to the group, and select **Add**.
- 5 Select **Save**.

► Copy contacts

To copy contacts from the UIM card to your device,



- 1 In Idle mode, open the application list and select .
- 2 Press [] → **More** → **Copy contacts** → **UIM to phone**.
- 3 Select contacts to copy and select **Copy**.

To copy contacts from your device to the UIM card,



- 1 In Idle mode, open the application list and select .
- 2 Press [] → **More** → **Copy contacts** → **Phone to UIM**.
- 3 Select contacts to copy and select **Copy**.

› Import or export contacts

To import contact files (in vcf format) from a memory card to your device,

- 1 In Idle mode, open the application list and select .
- 2 Press [] → **More** → **SD card backup** → **Import from SD card**.
- 3 Select a memory location (if necessary).
- 4 Select an option for importing a single contact file, multiple contact files, or all contact files, and select **OK**.
- 5 Select contact files to import and select **OK**.

To export contacts from your device to a memory card,

- 1 In Idle mode, open the application list and select .
- 2 Press [] → **More** → **SD card backup** → **Export to SD card**.
- 3 Select **Yes** to confirm.

Calendar

Learn to create and manage daily, weekly, or monthly events, and set alarms to remind yourself of important events.

› Create an event

- 1 In Idle mode, open the application list and select **Calendar**.

- 2 Select **Tap to create event** or press [≡] → **Create**.
- 3 If an alert message about the calendar sync appears, select **OK**.
- 4 Enter the details of the event as required.
- 5 Select **Save**.

► View events

To change the calendar view,

- 1 In Idle mode, open the application list and select **Calendar**.
- 2 Select a view mode from the top of the calendar.

To view events of a specific date,

- 1 In Idle mode, open the application list and select **Calendar**.
- 2 Select a date on the calendar.
 - To move to a specific day by entering a date manually, press [≡] → **Go to**, enter the date by selecting + or -, and select **Set**.
 - To select today's date, press [≡] → **Today**.
- 3 Select an event to view its details.



You can send the event to others by pressing [≡] → **Send via** → an option.

› Stop an event alarm

If you set an alarm for a calendar event, the event alarm icon will appear at the specified time.

- 1 Open the notifications panel from the top of the screen.
- 2 Select the event notification.
- 3 Select an event to view more details.

To snooze or dismiss the event alarm, select the check box next to the event and select **Snooze** or **Dismiss**.

Memo



Learn to record important information to save and view at a later date.





› Create a memo

- 1 In Idle mode, open the application list and select **Memo**.
- 2 If there is a memo saved, select **Create memo** or press [≡] → **Create**.
- 3 Enter your memo text and select **Save**.

› View memos

- 1 In Idle mode, open the application list and select **Memo**.
- 2 Press [≡] → **Search** or press and hold [≡] to search for a memo (if necessary).

- 3 Select a memo to view its details.
- To edit the memo, select .
 - To use additional features with a memo, select .

Tool	Function
	Delete the memo.
	Change the background colour of the memo.
	Lock the memo.
	Print the memo using a Wi-Fi connection. Your device is compatible only with some Samsung printers.



You can send the memo to others by pressing [≡] → **Send via** → an option.

Voice recorder

Learn to operate your device's voice recorder.

► Record a voice memo

- 1 In Idle mode, open the application list and select **Voice recorder**.
- 2 Select **Record** to start recording.
- 3 Speak into the microphone.

- 4 When you are finished, select **Stop**.
Your memo is saved automatically.
- 5 To record more voice memos, select **Record** from the bottom of the screen.

► Play a voice memo

- 1 In Idle mode, open the application list and select **Voice recorder**.
- 2 Select **List**.
- 3 Select a voice memo to play.



You can send the voice memo to others by pressing [≡] → **Share** → an option.

Web

Web services require a data connection. Contact your operator to choose the best data plan.

Web

Learn to access and bookmark your favourite web pages.



- You may incur additional charges for accessing the web and downloading media files. For details, contact your service provider.
- The web browser menu may be labelled differently depending on your service provider.
- Available icons may vary depending on your region or service provider.

► Browse web pages

- 1 In Idle mode, open the application list and select **Web** to launch a specified homepage.

To access a specific web page, select the URL input field, enter the web address (URL) of the web page, and select **Go**.

- 2 Navigate web pages with the following keys:



Number	Function
1	Enter the web address of a web page to access.
2	Open a list of saved bookmarks, frequently visited pages and recent internet history.


While browsing the web page, use the following options:

- To zoom in, place two fingers on the screen and spread them apart. To zoom out, move your fingers closer together. You can also double-tap the screen.
- To open a new window, press [≡] → **New window**.
- To view the currently active windows, press [≡] → **Windows**. You can open multiple pages and switch back and forth between them.
- To reload the current web page, press [≡] → **Refresh**.
- To go to a next page in history, press [≡] → **Forward**.
- To close the web browser, press [≡] → **Exit browser**.
- To bookmark the current web page, press [≡] → **More** → **Add bookmark**.
- To add a shortcut to the current web page to the idle screen, press [≡] → **More** → **Add shortcut to Home**.
- To search for text on the web page, press [≡] → **More** → **Find on page**.

- To view the web page details, press [≡] → **More** → **Page info**.
- To send the web address (URL) of the web page to others, press [≡] → **More** → **Share page**.
- To view the download history, press [≡] → **More** → **Downloads**.
- To customise the browser settings, press [≡] → **More** → **Settings**.
- To print the current web page using a Wi-Fi connection, press [≡] → **More** → **Print**. Your device is compatible only with some Samsung printers.

➤ Bookmark your favourite web pages


If you know the web address of the web page, you can manually add a bookmark. To add a bookmark,

- 1 In Idle mode, open the application list and select **Web**.
- 2 Select  → **Bookmarks**.
- 3 Select **Add** or press [≡] → **Bookmark last-viewed page**.
To bookmark the web page you were viewing, skip to step 5.
- 4 Enter a page title and a web address (URL).
- 5 Select **OK**.


From the bookmark list, tap and hold a bookmark and use the following options:

- To open the web page in the current window, select **Open**.
- To open the web page in a new window, select **Open in new window**.
- To edit the bookmark details, select **Edit bookmark**.
- To add the bookmark shortcut to the idle screen, select **Add shortcut to Home**.
- To send the web address (URL) of the web page to others, select **Share link**.
- To copy the web address (URL) of the web page, select **Copy link URL**.
- To delete the bookmark, select **Delete bookmark**.
- To delete all the bookmarks, select **Delete all bookmark**.
- To use the web page as your homepage of the browser, select **Set as homepage**.

➤ Access the frequently visited pages or the recent history

- 1 In Idle mode, open the application list and select **Web**.
- 2 Select  → **Most visited** or **History**.
- 3 Select a web page to access.



You can add a web page to the bookmark list by selecting .









Maps

Learn to use Google Maps™ to find your location, search the online map for streets, cities, or countries, and get directions.









- This feature may be unavailable depending on your region or service provider.
- You must activate location services to find your location and search the map. ► p. 113

► Search for a specific location

- 1 In Idle mode, open the application list and select **Maps**.
- 2 If you are launching this application for the first time, select **OK**.
The map will display your current location.
- 3 Press [≡] → **Search**.
- 4 Enter a keyword for the location and select .
To search for a location by voice, select .
- 5 Select the location you want to view details.
 - To view a list of all results for your search, select .
 - To zoom in or out, select  or .
 - To add layers to the map, select .
 - To view your current location, select .
 - To add a star to the location, select the balloon with the location name → .

► Get directions to a specific destination


- 1 In Idle mode, open the application list and select **Maps**.
- 2 Press [] → **Directions**.
- 3 Enter the addresses of the starting location and the ending location.
To enter an address from your contact list or starred places, or point the location on the map, select  → **Contacts**, **Point on map**, or **My Places**.
- 4 Select a travel method (car, bus, or walk) and select **Get directions**.
The route is indicated on the map. Depending on the selected travel method, you may see multiple routes. Select a route to view details of your trip and select  to view the route on the map.
- 5 Select  or  to view only the single part of the route.
- 6 When you are finished, press [] → **Clear Map**.

Latitude

Learn to share your location with your friends and view friends' locations via Google Latitude™.



This feature may be unavailable depending on your region or service provider.

- 1 In Idle mode, open the application list and select **Latitude**.
The device automatically joins Latitude.
- 2 Select  → **Select from Contacts** or **Add via email address**.

- 3 Select a friend you want to add, or enter an email address and select **Add friends**.
- 4 Select **Yes**.
When your friend accepts your invitation, you can share locations.
- 5 Press [≡] → **Map view**.
Your friends' locations are marked with their photos on the map.

Places

Learn to search for a place around you.



This feature may be unavailable depending on your region or service provider.

- 1 In Idle mode, open the application list and select **Places**.
- 2 If you want to search for business or attractions near a specific location, select your location → **Enter an address**.
- 3 Select a category.
Your device searches for places around your current location that are related to the category.
- 4 Select a place name to view its details.
- 5 While viewing information, use the following options:
 - To view the place on the map, select **Map**.
 - To view the route to the place, select **Directions**.
 - To view the phone number of the place, select **Call**.

Navigation

Learn to use the GPS navigation system to find and show your destination with voice guidance.



- Navigation maps, your current location, and other navigational data may differ from actual location information. You should always pay attention to road conditions, traffic, and any other factors that may affect your driving and follow all safety warnings and regulations while driving.
- This feature may be unavailable depending on your region or service provider.

- 1 In Idle mode, open the application list and select **Navigation**.
- 2 If you are launching this application for the first time, select **Accept**.
- 3 Enter your destination by using one of the following methods:
 - **Speak destination:** Speak your destination such as "Navigate to destination."
 - **Type destination:** Enter your destination with the virtual keypad.
 - **Contacts:** Select your destination from addresses of your contacts.
 - **Starred places:** Select your destination from the list of your starred places.
- 4 Follow the on-screen instructions to use the navigation service.

YouTube

Learn to view and share videos via YouTube.




This feature may be unavailable depending on your region or service provider.



› Watch videos




- 1 In Idle mode, open the application list and select **YouTube**.
- 2 Select a video from the list.
- 3 Rotate the device to landscape view.
- 4 Control playback with the icons on the screen.

› Share videos

- 1 In Idle mode, open the application list and select **YouTube**.
- 2 Select a video.
- 3 Select  → an option.

› Upload videos


- 1 In Idle mode, open the application list and select **YouTube**.
- 2 Press [] → **Upload** and select a video. Skip to 7.
If you want to upload new videos, select  to turn on the camera.

- 3 Aim the lens at the subject and make any adjustments.
 - 4 Select  to start recording.
 - 5 Select  to stop recording.
 - 6 Select **Save** to upload the video that you have recorded.
 - 7 Select your Google account if it is linked to YouTube.
Alternatively, you can select **Add account** and set up an account to sign in to YouTube.
-  If you are uploading a video for the first time, select a network type to upload a video.
- 8 Enter details of the upload and select **Upload**.

Samsung Apps

Samsung Apps allows you to simply and easily download an abundance of applications directly to your device. Featuring a wealth of games, news, reference, social networking, navigation, health related applications and more, Samsung Apps gives you instant access to a huge choice of mobile experience.

Your device gets smarter with fully optimised applications from Samsung Apps. Explore amazing applications and make your mobile life even better.

-  • The feature may be unavailable depending on your region or service provider.
- For details, please visit www.samsungapps.com.

- 1 In Idle mode, open the application list and select **Samsung Apps**.
- 2 If you are launching this application for the first time, select a region → **OK**. Then read the terms and conditions and select **Accept**.
- 3 Search for and download applications as desired.

Play Store

You can download games, ringtones, or other applications from Play Store.



This feature may be unavailable depending on your region or service provider.

- 1 In Idle mode, open the application list and select **Play Store**.
- 2 Search for a file and download it to the device. ► p. 41

News & Weather

Learn to view the weather information and read top news and other news articles.

► View the weather information

- 1 In Idle mode, open the application list and select **News & Weather**.

- 2 Select **Weather** at the top of the screen.
Your device searches for your current location and displays the weather information.



You can change the location to view the weather information in another region. Press [≡] → **Settings** → **Weather settings** and clear the check box next to **Use my location**. Then select a location in **Set location**.

► Read news articles

- 1 In Idle mode, open the application list and select **News & Weather**.
- 2 Scroll left to a news topic at the top of the screen.
- 3 Select an article to open it.



To add news topics, press [≡] → **Settings** → **News settings** → **Select news topics**.

Connectivity

Bluetooth

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 10 m without requiring a physical connection.

You do not need to line up the devices to beam information with Bluetooth. If the devices are within range of one another, you can exchange information between them even if they are located in different rooms.



- Samsung is not responsible for the loss, interception, or misuse of data sent or received via the Bluetooth wireless feature.
- Always ensure that you share and receive data with devices that are trusted and properly secured. If there are obstacles between the devices, the operating distance may be reduced.
- Some devices, especially those that are not tested or approved by Bluetooth SIG, may be incompatible with your device.
- Do not use the Bluetooth feature for illegal purposes (for example, pirating copies of files or illegally tapping communications for commercial purposes). Samsung is not responsible for the repercussions of illegal use of the Bluetooth feature.

► Turn on the Bluetooth wireless feature

- 1 In Idle mode, open the application list and select **Settings** → **Wireless and network** → **Bluetooth settings**.
- 2 Select **Bluetooth** to turn on the Bluetooth wireless feature.

► Find and pair with other Bluetooth-enabled devices


- 1 In Idle mode, open the application list and select **Settings** → **Wireless and network** → **Bluetooth settings** → **Search for devices**.
- 2 Select a device.
- 3 Enter a PIN for the Bluetooth wireless feature or the other device's Bluetooth PIN, if it has one, and select **OK**. Alternatively, select **Accept** to match the PIN between your device and the device.

When the owner of the other device enters the same PIN or accepts the connection, pairing is complete. If the pairing is successful, the device will automatically search for available services.



Some devices, especially headsets or hands-free car kits, may have a fixed Bluetooth PIN, such as 0000. If the other device has a PIN, you must enter it.

➤ Send data using the Bluetooth wireless feature

- 1 Select a file or item, such as a contact, calendar event, memo, or media file, from an appropriate application or My files.
 - 2 Select an option for sending data via Bluetooth.
-  The method for selecting an option may vary by data type.
- 3 Search for and pair with a Bluetooth-enabled device.

➤ Receive data using the Bluetooth wireless feature

- 1 In Idle mode, open the application list and select **Settings** → **Wireless and network** → **Bluetooth settings** → **Visible**.
Your device is visible to other Bluetooth devices for specified period.
You can set the duration that your device is visible to other Bluetooth devices by selecting **Visible time-out**.
- 2 When prompted, select **Accept** to match the Bluetooth PIN or enter the PIN for the Bluetooth wireless feature and select **OK** (if necessary).

- 3 Open the notifications panel and select a Bluetooth notification.
- 4 Select **Accept** to confirm that you are willing to receive data from the device.

Received data is saved to the bluetooth folder. If you receive a contact file, select **My files** → **bluetooth** → a contact file → **Register** to import it to your contact list.

Wi-Fi

Learn to use your device's wireless networking capabilities to activate and connect to any wireless local area network (WLAN) compatible with the IEEE 802.11 b/g/n standards.

You can connect to the internet or other network devices anywhere an access point or wireless hotspot is available.



Your device uses a non-harmonised frequency and is intended for use in all European countries. The WLAN can be operated in the EU without restriction indoors, but cannot be operated outdoors.

► Activate the Wi-Fi feature

In Idle mode, open the application list and select **Settings** → **Wireless and network** → **Wi-Fi settings** → **Wi-Fi**.



The Wi-Fi feature running in the background will consume battery power. To preserve battery power, activate the feature only when needed.

➤ Find and connect to a Wi-Fi AP

- 1 In Idle mode, open the application list and select **Settings** → **Wireless and network** → **Wi-Fi settings**.
The device will automatically search for available Wi-Fi APs.
- 2 Select a network under **Wi-Fi networks**.
- 3 Enter a password for the network (if necessary).
- 4 Select **Connect**.

➤ Add a Wi-Fi AP manually

- 1 In Idle mode, open the application list and select **Settings** → **Wireless and network** → **Wi-Fi settings** → **Add Wi-Fi network**.
- 2 Enter the SSID for the network and select the security type.
- 3 Set the security settings depending on the selected security type.
- 4 Select **Save**.

➤ Connect to a Wi-Fi AP using a Wi-Fi Protected Setup (WPS)

Using WPS, you can connect to a secured network.

To connect to a Wi-Fi AP with a WPS button,

- 1 In Idle mode, open the application list and select **Settings** → **Wireless and network** → **Wi-Fi settings**.

- 2 Select **WPS button connection**.
- 3 Press a WPS button on the access point within 2 minutes.

To connect to a Wi-Fi AP with a WPS PIN,

- 1 In Idle mode, open the application list and select **Settings** → **Wireless and network** → **Wi-Fi settings**.
- 2 Select a network indicated by the WPS icon and select **WPS PIN**.
- 3 On the access point, enter the PIN and press the start button.

AllShare

Learn to use the Digital Living Network Alliance (DLNA) service that enables you to share media files between DLNA-enabled devices in your home over Wi-Fi.



- The supported file formats may vary depending on the software of the device.
- Some files may not play on the DLNA-enabled devices depending on the devices.

› Customise DLNA settings for sharing media files


To allow other DLNA-enabled devices to access media files on your device, you must activate media sharing.

- 1 In Idle mode, open the application list and select **AllShare**.
- 2 Press [F≡] → **Settings**.
- 3 Adjust the following settings to customise the DLNA feature:

Option	Function
Device name	Enter a name for your device as a media server.
Share videos	Turn on video sharing with other DLNA-enabled devices.
Share photos	Turn on image sharing with other DLNA-enabled devices.
Share music	Turn on music sharing with other DLNA-enabled devices.
Upload from other devices	Set whether or not to accept the upload from other devices.
Default memory	Select the default memory location for saving downloaded media files.
Subtitles	Set to display subtitles.

► Play your files on another DLNA-enabled device

- 1 In Idle mode, open the application list and select **AllShare**.
- 2 Select **My device**.

- 3 Select a media category → a file.
 - 4 Select a player—the one that will play the media file.
Playback begins at the selected player.
 - 5 Control playback using icons of your device.
-  Playback may be buffered, depending on the network connection and the connected server.

► Play files of one device on the other device

- 1 In Idle mode, open the application list and select **AllShare**.
- 2 Select **Remote device**.
Your device automatically searches for DLNA-enabled devices.
- 3 Select a device as the media server—the one that contains media files.
- 4 Select a media category → a file.
- 5 Select a player—the one that will play the media file.
Playback begins at the selected player.
- 6 Control playback using icons of your device.

Mobile network sharing

Learn to set your device as a wireless modem or wireless access point for PCs or other devices, and share your device's mobile network connection.

➤ Share your device's mobile network via Wi-Fi

- 1 In Idle mode, open the application list and select **Settings** → **Wireless and network** → **Tethering and portable hotspot**.
- 2 Select **Portable Wi-Fi hotspot** → **OK**.
- 3 Select **Portable Wi-Fi hotspot** to activate the Wi-Fi tethering feature.
- 4 Select **OK** (if necessary).
- 5 Select **Configure portable Wi-Fi hotspot** to configure network settings to use your device as an access point:

Option	Function
Network SSID	View and edit the device name that will be shown to external devices.
Security	Select the security type.

- 6 When you are finished, select **Save**.
- 7 From another device, locate your device's name in the available connection list and connect to the network.
Your device shares the mobile network connection with the other device.

➤ Share your device's mobile network via USB

- 1 Using a USB cable, connect the multifunction jack on your device to a PC.

- 2 In Idle mode, open the application list and select **Settings** → **Wireless and network** → **Tethering and portable hotspot**.
- 3 Select **USB tethering** to activate the USB tethering feature.

Your device shares the mobile network connection on your PC.

To stop sharing the network connection, clear the check box next to **USB tethering**.



The sharing method for the network connection may differ depending on the PC's operating system.

GPS

Your device is equipped with a global positioning system (GPS) receiver. Learn to activate location services.

To receive better GPS signals, avoid using your device in the following conditions:

- between buildings, in tunnels or underground passages, or inside buildings
- in poor weather
- around high voltage or electromagnetic fields
- in a vehicle with sun protection film



Do not touch or cover the antenna area with your hands or other objects while using the GPS functions.



This feature may be unavailable depending on your region or service provider.

► Activate location services



You must activate location services to receive location information and search the map.

- 1 In Idle mode, open the application list and select **Settings** → **Location and security**.
- 2 Adjust the following settings to activate location services:

Option	Function
Use wireless networks	Set to use Wi-Fi and/or mobile networks for finding your location.
Use GPS satellites	Set to use the GPS satellite for finding your location.
Use assisted GPS	Set the device to download data automatically to improve GPS functionality.

PC connections

Learn to connect your device to a PC with a USB cable in USB connection modes. By connecting the device to a PC, you can transfer data to and from your device directly and use the Samsung Kies program.

-  Do not disconnect the USB cable from a computer while the device is transferring or accessing data. Doing so may result in data loss or damage to the device.
-  For best results, connect the USB cable directly to a USB port on a computer. Data transfers may fail when using a USB hub.

➤ Connect with Samsung Kies

Ensure that Samsung Kies is installed on your PC. You can download the program from the Samsung website.



Samsung Kies will work on both Windows and Macintosh computers.

- 1 Using a USB cable, connect the multifunction jack on your device to a PC.
- 2 Double-click the Samsung Kies icon on your PC to launch Samsung Kies.
- 3 Transfer or synchronise mobile data, such as contacts, calendars, music, or photos, between Samsung Kies and your device.
Refer to the Samsung Kies help for more information.

➤ Connect as a mass storage device

You can connect your device to a PC as a removable disk and access the file directory. If you insert a memory card in the device, you can access the file directory of the memory card by using the device as a memory card reader.

- 1 In Idle mode, open the application list and select **Settings** → **Wireless and network** → **USB utilities** → **Connect storage to PC**.
- 2 Using a USB cable, connect the multifunction jack on your device to a PC.
- 3 When connected, select **Connect USB storage**.

- 4 Select **OK** (if necessary).
- 5 Open the folder to view files.
- 6 Copy files from the PC to your device.
- 7 When you are finished, select **Disconnect storage from PC**.



To disconnect the device from the PC, click the USB device icon on the Windows task bar and click the option to safely remove the mass storage device. Then remove the USB cable from the PC. Otherwise, you may lose data stored on the memory card or damage the memory card.

VPN connections

You can create virtual private networks (VPN) and connect to your private network securely through a public network, such as the internet.



Your device should already be configured with internet access. If you have trouble accessing the internet, you need to edit connections. If you are not sure about the connection information to enter, ask your service provider.

› Set up VPN connections

- 1 In Idle mode, open the application list and select **Settings** → **Wireless and network** → **VPN settings** → **Add VPN**.
- 2 Select a VPN type.

3 Customise the connection information.



Available options may vary depending on the VPN type.

Option	Function
VPN name	Enter a name of the VPN server.
Set VPN server	Enter the address of the VPN server.
Enable Encryption	Set to encrypt the VPN server.
Set IPsec pre-shared key	Enter a pre-shared key.
Enable L2TP secret	Set to use the L2TP secret password.
Set L2TP secret	Enter the L2TP secret password.
Set user certificate	Select a user certificate that the VPN server uses to identify you. You can import certificates from the VPN server or download from the web.
Set CA certificate	Select a certificate authority (CA) certificate that the VPN server uses to identify you. You can import certificates from the VPN server or download from the web.
DNS search domains	Enter the domain name server (DNS) address.

4 When you are finished, press [≡] → **Save**.

➤ Connect to a private network

- 1 In Idle mode, open the application list and select **Settings** → **Wireless and network** → **VPN settings**.
- 2 Select a private network.
- 3 Enter the user name and password and select **Connect**.

Tools

Calculator

Learn to perform mathematical calculations directly on your device like a typical hand-held or desktop calculator.

► Perform the calculation

- 1 In Idle mode, open the application list and select **Calculator**.
- 2 Use the keys that correspond to the calculator display to perform basic mathematical operations.



Rotate the device to landscape view to use the scientific calculator. If you deactivate the auto rotation, press [≡] → **Scientific calculator**.

► View the calculation history

- 1 In Idle mode, open the application list and select **Calculator**.
- 2 Perform the calculation.
- 3 Select ▼ to close the calculator keypad.
The calculation history appears.
- 4 To clear the history, press [≡] → **Clear history**.


Clock

Learn to set and control alarms and world clocks. You can also use the stopwatch and count-down timer.

› Set a new alarm



- 1 In Idle mode, open the application list and select **Clock** → **Alarm**.
- 2 Select **Create alarm**.
- 3 Set alarm details.
Select the check box next to **Smart alarm** to activate simulated nature sounds with the alarm screen prior to the main alarm.
- 4 When you are finished, select **Save**.




Press [] → **Pre-alarm power on** to turn on the auto power-up feature. The auto power-up feature sets the device to sound the alarm at the designated time when the device is turned off. This feature works only when you turn off your device with the Power key.

› Stop an alarm

When the alarm sounds,

- To stop the alarm, select  and then drag your finger outside of the large circle.
- To repeat the alarm after a specified length of time, select  and then drag your finger outside of the large circle.

› Delete an alarm

- 1 In Idle mode, open the application list and select **Clock** → **Alarm**.
- 2 Press [] → **Delete**.
- 3 Select alarms to delete.
- 4 Select **Delete**.

› Create a world clock

- 1 In Idle mode, open the application list and select **Clock** → **World clock**.
- 2 Select **Add city**.
- 3 Enter a city name or select one from the city list.
- 4 To add more world clocks, repeat steps 2-3.



To apply the summer time to the clocks, tap and hold a clock and select **DST settings**.

› Use the stopwatch

- 1 In Idle mode, open the application list and select **Clock** → **Stopwatch**.
- 2 Select **Start** to begin the stopwatch.
- 3 Select **Lap** to record lap times.
- 4 When you are finished, select **Stop**.
- 5 Select **Reset** to clear recorded times.

➤ Use the count-down timer

- 1 In Idle mode, open the application list and select **Clock** → **Timer**.
- 2 Set the length of time to count down.
- 3 Select **Start** to begin the countdown.
- 4 When the timer expires, select ☒ and then drag your finger outside of the large circle.

Downloads

Learn to manage logs of files you have downloaded from the web.

- 1 In Idle mode, open the application list and select **Downloads**.
- 2 Select a download folder.
- 3 To open a downloaded file, select the log.
To delete a log, select the check box and then select **Delete**.

My files

Learn to quickly and easily access all of your images, videos, music, sound clips, and other types of files stored in your device and memory card.

- 1 In Idle mode, open the application list and select **My files**.


- 2 Select a folder.
 - To move up one level in the file directory, select **Up**.
 - To return to the Home directory, select **Home**.
- 3 Select a file to open.

In a folder, press [>] to use the following options:

- To search a file in a folder, select **Search**.
- To create a new folder, select **Create folder**.
- To share a file with others, select **Share**.
- To change the view mode, select **View by**.
- To sort files or folders, select **List by**.
- To use additional features using a file, such as deleting, moving, copying, or renaming option, select **More**.

Search

Learn to search for applications and files in your device and specific data on the web.

- 1 In Idle mode, open the application list and select **Search**.
- 2 Enter a letter or a word of the data to search for.
To search for data by voice, select  and say a keyword into your device's microphone.
- 3 Select the item's name you want to access.

Task manager




With the task manager, you can view currently running applications and memory information.

- 1 In Idle mode, open the application list and select **Task manager**.
- 2 Use the following options:
 - **Active applications:** View the list of all the applications currently running on your device.
 - **Downloaded:** View the total amount of memory used for applications installed on your device.
 - **RAM:** Check and manage the RAM for your device.
 - **Storage:** View the used and available memory on your device and memory card.
 - **Help:** View help information about extending battery life and RAM manager.

ThinkFree Office

Learn to view document files on a memory card inserted in your device. If you have an account with the ThinkFree web services, you can manage documents online. This application supports the following file formats: doc, docx, xml, txt, rtf, dot, dotx, xls, xlsx, csv, xlt, xltx, ppt, pptx, pot, potx, pps, ppsx, pdf.

➤ Create a new document

- 1 In Idle mode, open the application list and select **ThinkFree Office**.
- 2 Select **Accept** to confirm, if you are launching this application for the first time.
- 3 Select **Activate now** → **Close** to activate ThinkFree Office.
- 4 Select **My Docs**.
- 5 Press [] → **New** → a document type.
- 6 Enter a name for the document and select **OK**.
- 7 Enter contents in the document by using the tools at the bottom of the screen.
- 8 When you are finished editing, select  on the toolbar or press [] → **File** → **Save**.

➤ View and edit a document on your device

- 1 In Idle mode, open the application list and select **ThinkFree Office**.
- 2 Select **My Docs** → a document.
- 3 Select a text encoding type (if necessary).

- 4 View the document as desired.
 - To zoom in, place two fingers on the screen and spread them apart. To zoom out, move your fingers closer together.
 - To open the toolbar to edit the document (word, presentation, or excel file), press [≡] → **Edit**.

► Manage documents online

- 1 In Idle mode, open the application list and select **ThinkFree Office**.
- 2 Select **Online**.
- 3 Enter your user name and password to access your account, and then select **Sign in**.
- 4 View and manage your documents on the server as desired.

UIM Toolkit

Use a variety of additional services offered by your service provider, if this service is supported by your UIM card.

- 1 In Idle mode, open the application list and select **UIM Toolkit**.
- 2 Select a service you want.

Voice Search

Learn to use the voice command feature to dial a number, send a message, or search for locations and information by voice.



This feature may be unavailable depending on your region or service provider.

- 1 In Idle mode, open the application list and select **Voice Search**.
- 2 Select **Speak now** (if necessary).
- 3 Say a command into the microphone.
- 4 Select an item's name.

Settings

Access the Settings menu

- 1 In Idle mode, open the application list and select **Settings**.
- 2 Select a setting category and select an option.

Wireless and network

Change the settings for wireless network connections.

› Flight mode

Disable all wireless functions on your device. You can use only non-network services.

› Wi-Fi settings

- **Wi-Fi:** Turn the Wi-Fi feature on or off. ► p. 106
- **Network notification:** Set the device to notify you when an open network is available.
- **WPS button connection:** Connect to a Wi-Fi AP using a Wi-Fi Protected Setup (WPS) button.
- **Add Wi-Fi network:** Add Wi-Fi APs manually.

› Kies via Wi-Fi

Connect your device to Samsung Kies via Wi-Fi.

› Bluetooth settings

- **Bluetooth:** Turn the Bluetooth wireless feature on or off.
▶ p. 104
- **Device name:** Set a Bluetooth name for your device.
- **Visible:** Set your device to be visible to other Bluetooth devices.
- **Visible time-out:** Set duration that your device is visible.
- **Search for devices:** Search for available Bluetooth devices.

› USB utilities

Connect your device to a PC as a mass storage. ▶ p. 114

› Tethering and portable hotspot

- **USB tethering:** Activate the USB tethering feature to share your device's mobile network connection with PCs via USB. When connected to a PC, your device is used as a wireless modem for a PC. ▶ p. 111
- **Portable Wi-Fi hotspot:**
 - **Portable Wi-Fi hotspot:** Activate the Wi-Fi tethering feature to share your device's mobile network connection with PCs or other devices through the Wi-Fi feature. ▶ p. 111
 - **Configure portable Wi-Fi hotspot:** Configure network settings to use your device as an access point.
- **Help:** Learn more about USB and Wi-Fi tethering.

› VPN settings

Set up and connect to virtual private networks (VPNs).

► p. 115

› Mobile networks

- **Data enabled:** Set the device to use data connection automatically when the Wi-Fi network is unavailable.
- **Data roaming:** Set the device to connect to another network when you are roaming or your home network is not available.
- **System select:** Select a network type.
- **Access Point Names:** Set up access point names (APNs).
- **Dial Up Networking:** Set the device to use a dial-up network to access to data services.

Call settings

Customise the settings for calling features.

- **Set reject messages:** Add or edit a message to be sent to a caller when you reject a call.
- **Prefix dialling:** Activate prefix dialling and set up prefix dialling numbers.
- **Call alert:**
 - **Call status tones:** Activate or deactivate call connection tone, minute minder tone, or call disconnection tone.
 - **Alerts on call:** Set the device to alert you to events during a call.

- **Call answering/ending:**
 - **Answering key:** Set the device to answer calls by pressing the Home key.
 - **Automatic answering:** Set to answer automatically after a specified period (available only when a headset is connected).
 - **The power key ends calls:** Set the device to end a call when you press the Power key.
- **Activate proximity sensor:** Set to turn on the proximity sensor during a call.
- **Call forwarding:** Divert incoming calls to another number.
- **Additional settings:**
 - **Call barring:** Block incoming or outgoing calls.
 - **Call waiting:** Allow incoming call alerts when a call is in progress.
 - **Voice privacy:** Set whether to encrypt your calls to prevent your call conversations from being eavesdropped.
- **Voicemail service:** Select your service provider or set another provider to receive voice mails.
- **Voicemail settings:** Enter the number to access the voice mail service. You can obtain this number from your service provider.

Call/Message block

Set to reject calls or messages from specified phone numbers or reject messages containing specified text.

Sound

Change the settings for various sounds on your device.

- **Silent mode:** Activate Silent mode to mute all sounds except media sounds and alarm ringtones.
- **Phone Profiles:** Select a sound profile to use or customise sound options in profiles as desired.
- **Vibration:** Set when the device will vibrate for various events.
- **Volume:** Adjust the volume level for call ringtones, music and videos, device system sound, and notification ringtones.
- **Phone ringtone:** Select a ringtone to alert you to incoming calls.
- **Notification ringtone:** Select a ringtone to alert you to events, such as incoming messages and missed calls.
- **Audible touch tones:** Set the device to sound when you tap the keys on the dialling screen.
- **Audible selection:** Set the device to sound when you select an application or option on the touch screen.
- **Screen lock sounds:** Set the device to sound when you lock or unlock the touch screen.
- **Emergency tone:** Set how the device alerts to emergency calls.

Display

Change the settings for the display.

- **Screen display:**
 - **Font style:** Change the font type for the display text. You can download fonts from Samsung Apps by selecting **Get fonts online**.
 - **Home screen:**
Wallpaper: Select a background image for the idle screen.
 - **Lock screen:**
Wallpaper: Select an image to display when the screen is locked.
Clock position: Select the location of the clock on the locked screen. This feature may be unavailable when you activate the screen lock feature.
- **Brightness:** Set the brightness of the display.
- **Auto-rotate screen:** Set whether or not to rotate the content automatically when the device is rotated.
- **Animation:** Set the device to display animation when you switch between windows.
- **Screen timeout:** Set the length of time the device waits before turning off the display's backlight.

Power saving

Activate Power saving mode and change the settings for Power saving mode.

- **Custom power saving:** Automatically activate Power saving mode when the battery is low.
- **Custom power saving settings:**
 - **Power saving on at:** Select a power level for Power saving mode.
 - **Turn off Wi-Fi:** Deactivate the Wi-Fi feature when the device is not connected with a Wi-Fi AP.
 - **Turn off Bluetooth:** Deactivate the Bluetooth feature when not in use.
 - **Turn off GPS:** Deactivate the GPS feature when not in use.
 - **Turn off Sync:** Turn off sync when the device is not synchronising with a web server.
 - **Brightness:** Activate the brightness setting for Power saving mode.
 - **Brightness:** Set the brightness level for Power saving mode.
 - **Screen timeout:** Set the length of time the device waits before turning off the display's backlight.
- **Learn about power saving:** Learn how to reduce battery consumption.

Location and security

Change the settings for securing your device and the UIM card, and GPS functionality.

- **Use wireless networks:** Set to use Wi-Fi and/or mobile networks for finding your location.
- **Use GPS satellites:** Set to use the GPS satellite for finding your location.
- **Use assisted GPS:** Set the device to download data automatically to improve GPS functionality.
- **Set screen lock:** Set the unlock security code. When you have set your security code, this option changes to **Change screen lock**.
 - **None:** Disable the screen lock.
 - **Pattern:** Set an unlock pattern to unlock the screen.
 - **PIN:** Set a PIN (numeric) to unlock the screen.
 - **Password:** Set a password (alphanumeric) to unlock the screen.
- **Set up UIM card lock:**
 - **Lock UIM card:** Activate or deactivate the PIN lock feature to require the PIN before using the device.
 - **Change UIM PIN:** Change the PIN used to access UIM data.
- **Visible passwords:** Set the device to display your password as you enter.
- **Select device administrators:** View device administrators installed on your device. You can activate device administrators to apply new policies to your device.

- **Use secure credentials:** Use certificates and credentials to ensure secure use of various applications.
- **Install from USB storage:** Install encrypted certificates that are stored in the USB storage.
- **Set password:** Create and confirm a password for accessing credentials.
- **Clear storage:** Erase the credential contents from the device and reset the password.

Applications

Change the settings for managing installed applications.

- **Unknown sources:** Set the device to install applications downloaded from any source. If you do not select this option, you can install only applications downloaded from Play Store.
- **Manage applications:** Access the list of the applications installed on the device and check the application information.
- **Running services:** View the services you are using and access them to manage.
- **Storage usage:** View available memory and the memory used by applications on your device.
- **Battery usage:** View the amount of power consumed by your device.

- **Development:**
 - **USB debugging:** Select to connect your device to a PC by using a USB cable. This is for application development.
 - **Stay awake:** Set the device's screen to stay on while charging the battery.
 - **Allow mock locations:** Allow mock locations and service information to be sent to a Location Manager service for testing. This is for application development.
- **Samsung Apps:** Select a network connection (Wi-Fi or packet switched data network) to get notifications for new applications from Samsung Apps.



This feature may be unavailable depending on your region or service provider.

Accounts and sync

Change the settings for the auto sync feature or manage accounts for synchronisation.

- **Background data:** Select this setting to use the auto sync feature. The auto sync will run in the background without opening applications and synchronise data.
- **Auto-sync:** Set the device to synchronise contact, calendar, and email data automatically.

Privacy

Change the settings for managing your settings and data.

- **Back up my data:** Set to back up your settings and application data to the Google server.
- **Automatic restore:** Set to restore your settings and application data when the applications are reinstalled on your device.
- **Factory data reset:** Reset your settings to the factory default values and delete all your data.

Storage

View memory information for your device and memory card. You can also format the USB storage and a memory card.



Formatting a memory card will permanently delete all data from the memory card.



The actual available capacity of the internal memory is less than the specified capacity because the operating system and default applications occupy part of the memory.

Language and keyboard

Change the settings for text input.

› Select language

Select a display language for all menus and applications.

› Select input method

Select a default keyboard type for text input.

› Swype

- **Select Input Method:** Change the keyboard type.
- **How to Swype:** Learn how to enter text with the Swype keyboard.
- **Personal dictionary:** Set up your own dictionary. The words in your dictionary will appear as suggestions for your text inputs.
- **Preferences:**
 - **Audio feedback:** Set to alert you when there are no alternative words for your input if you double-tap a word.
 - **Show tips:** Set the device to automatically display tips for your actions when available.
 - **Auto-spacing:** Set the device to automatically insert a space between words.
 - **Auto-capitalization:** Set the device to automatically capitalise the first letter after a final punctuation mark, such as a full stop, question mark, or exclamation mark.
 - **Show complete trace:** Set to display the trace of your dragging on the keyboard.
 - **Word suggestion:** Set the device to predict words according to your input and display word suggestions.
 - **Speed vs. accuracy:** Set the ratio between the speed and accuracy of Swype suggestions.

- **Reset Swype's dictionary:** Delete the words you have added to the dictionary.
- **Version:** View version information.
- **Language Options:** Select languages for text input.

► Samsung Chinese IME

- **Input Language:** Select languages for text input.
- **Space key to input association:** Set the device to enter the highlighted Chinese word when you select the space bar.
- **English Prediction:** Set the device to predict English words according to your input and display word suggestions.
- **Auto-full stop:** Set the device to insert a full stop when you double-tap the space bar.
- **Fuzzy Pinyin Input:** Select Fuzzy pinyin pairs so that you can easily enter Chinese characters that are similar in phonetic spelling.
- **Handwriting setting:** Customise the recognition time in Handwriting mode.
- **Keyboard type settings:** Select the default input method, such as the QWERTY keyboard, 3x4 keypad, or handwriting screen.
- **Character preview:** Set the device to display a large image of each letter you touch.
- **Vibrate on keypress:** Set the device to vibrate when you touch a key.

- **Sound on keypress:** Set the device to sound when you touch a key.
- **Reset settings:** Reset the Samsung Chinese IME settings to the factory defaults.
- **About:** View Samsung Chinese IME keypad information.

Voice input and output

Change the settings for the text-to-speech feature.

› Voice recognition settings

- **Language:** Select a language for the Google voice recognition.
- **SafeSearch:** Set the device to filter explicit text and/or images from voice search results.
- **Block offensive words:** Hide offensive words your device recognised from voice search results.

› Text-to-speech settings

- **Listen to an example:** Listen to the spoken text for an example.
- **Driving mode:** Activate Driving mode to set the device to read contents aloud.
- **Driving mode settings:** Specify applications to use in Driving mode.

- **Always use my settings:** Set to use the speech rate and language settings you specify over the settings saved in applications.
- **Default engine:** Set the speech synthesis engine to be used for spoken text.
- **Install voice data:** Download and install voice data for the text-to-speech feature.
- **Speech rate:** Select a speed for the text-to-speech feature.
- **Language:** Select a language for the text-to-speech feature.
- **Engines:** View the text-to-speech engines in your device.

Accessibility

Change the settings for accessibility features.

- **Accessibility:** Activate an accessibility application you have downloaded, such as Talkback or Kickback, which provides voice, melody, or vibration feedback.
- **Accessibility services:** Select an accessibility application to use.
- **The power key ends calls:** Set the device to end a call when you press the Power key.

Date and time

Access and alter the following settings to control how time and date are displayed on your device.



If the battery remains fully discharged or removed from the device, the time and date will be reset.

- **Automatic:** Automatically update the time when you move across time zones.
- **Set date:** Set the current date manually.
- **Select time zone:** Set your home time zone.
- **Set time:** Set the current time manually.
- **Use 24-hour format:** Set to the time to be displayed in 24-hour format.
- **Select date format:** Select a date format.

About phone

Access information about your device, check the device's status, and update the device system.

Troubleshooting

When you turn on your device or while you are using the device, it prompts you to enter one of the following codes:

Code	Try this to solve the problem:
Password	When the device lock feature is enabled, you must enter the password you set for the device.
PIN	When using the device for the first time or when the PIN requirement is enabled, you must enter the PIN supplied with the UIM card. You can disable this feature by using the Lock UIM card menu.
PUK	Your UIM card is blocked, usually as a result of entering your PIN incorrectly several times. You must enter the PUK supplied by your service provider.

Your device displays network or service error messages

- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again.
- You cannot access some options without a subscription. Contact your service provider for more details.

The touch screen responds slowly or improperly

If your device has a touch screen and the touch screen is not responding properly, try the following:

- Remove any protective covers from the touch screen. Protective covers may prevent the device from recognising your inputs and are not recommended for touch screen devices.
- Ensure that your hands are clean and dry when tapping the touch screen.
- Restart your device to clear any temporary software bugs.
- Ensure that your device software is upgraded to the latest version.
- If the touch screen is scratched or damaged, take it to your local Samsung Service Centre.

Your device freezes or has fatal errors

If your device freezes or hangs, you may need to close programs or reset the device to regain functionality. If your device is frozen and unresponsive, press and hold the Power key for 8-10 seconds and release. The device will reboot automatically.

If this does not solve the problem, perform a factory data reset. In Idle mode, open the application list and select **Settings** → **Privacy** → **Factory data reset** → **Reset phone** → **Erase everything**.

Calls are being dropped

When you are in areas with weak signals or poor reception, you may lose your connection to the network. Move to another area and try again.

Outgoing calls are not connected

- Ensure that you have pressed the Dial key.
- Ensure that you have accessed the right cellular network.
- Ensure that you have not set call barring for the phone number you are dialling.

Incoming calls are not connected

- Ensure that your device is turned on.
- Ensure that you have accessed the right cellular network.
- Ensure that you have not set call barring for the incoming phone number.

Others cannot hear you speaking on a call

- Ensure that you are not covering the built-in microphone.
- Ensure that the microphone is close to your mouth.
- If using a headset, ensure that it is properly connected.

Audio quality is poor

- Ensure that you are not blocking the device's internal antenna.
- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again.

When dialling from contacts, the call is not connected

- Ensure that the correct number is stored in the contact list.
- Re-enter and save the number, if necessary.
- Ensure that you have not set call barring for the contact's phone number.

The device beeps and the battery icon is empty

Your battery is low. Recharge or replace the battery to continue using the device.

The battery does not charge properly or the device turns off

- The battery terminals may be dirty. Wipe both gold-coloured contacts with a clean, soft cloth and try charging the battery again.
- If the battery will no longer charge completely, dispose of the old battery properly and replace it with a new battery (refer to your local ordinances for proper disposal instructions).

Your device is hot to the touch

When you use applications that require more power or use applications on your device for an extended period of time, your device may feel hot to the touch. This is normal and should not affect your device's lifespan or performance.

Error messages appear when launching the camera

Your Samsung mobile device must have sufficient available memory and battery power to operate the camera application. If you receive error messages when launching the camera, try the following:

- Charge the battery or replace it with a battery that is fully charged.
- Free some memory by transferring files to a PC or deleting files from your device.
- Restart the device. If you are still having trouble with the camera application after trying these tips, contact a Samsung Service Centre.

Error messages appear when launching the FM radio

The FM radio application on your Samsung mobile device uses the headset cable as an antenna. Without a headset connected, the FM radio will be unable to receive radio stations. To use the FM radio, first ensure that the headset is properly connected. Next, scan for and save the available radio stations.

If you still cannot use the FM radio after performing these steps, try accessing your desired station with another radio receiver. If you can hear the station with another receiver, your device may require service. Contact a Samsung Service Centre.

Error messages appear when opening music files

Some music files may not play on your Samsung mobile device for a variety of reasons. If you receive error messages when opening music files on your device, try the following:

- Free some memory by transferring files to a PC or deleting files from your device.
- Ensure that the music file is not Digital Rights Management (DRM)-protected. If the file is DRM-protected, ensure that you have the appropriate licence or key to play the file.
- Ensure that your device supports the file type.

Another Bluetooth device is not located

- Ensure that the Bluetooth wireless feature is activated on your device.
- Ensure that the Bluetooth wireless feature is activated on the device you wish to connect to, if necessary.
- Ensure that your device and the other Bluetooth device are within the maximum Bluetooth range (10 m).

If the tips above do not solve the problem, contact a Samsung Service Centre.

A connection is not established when you connect the device to a PC

- Ensure that the USB cable you are using is compatible with your device.
- Ensure that you have the proper drivers installed and updated on your PC.

Some of the contents in this manual may differ from your device depending on the software of the device or your service provider.

To install Kies (PC Sync) Kies

1. Download the latest version of Kies from the Samsung website (www.samsung.com/kies) and install it on your PC.
 2. Using a USB cable, connect your device to your PC.
 3. Double-click the Samsung Kies icon on your PC to launch Samsung Kies.
- Refer to the Kies help for more information.